

### Abstract of the Disclosure

A disk array control apparatus determines whether or not a I/O process request from a host computer is causing a cache hit at a disk cache memory. The apparatus identifies the I/O process request as either high priority task or low priority task. The apparatus calculates a cache hit ratio. The apparatus executes only the high priority tasks when the cache hit ratio is high and executes both the high priority tasks and the low priority tasks when the cache hit ratio is low.

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